

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/802,639

Art Unit: 2627

Filing Date: 03/16/2004

Examiner: KLIMOWICZ, WILLIAM JOSEPH

First Named Inventor: Matthew J. Carey

Date: December 18, 2006

Title: **CURRENT-PERPENDICULAR-TO-PLANE MAGNETORESISTIVE SENSOR  
WITH FREE LAYER STABILIZED BY IN-STACK ORTHOGONAL  
MAGNETIC COUPLING**

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office communication mailed 10/31/2006. Please amend the application as follows:

Amend the Claims as per the attached sheets.